

## **SENIOR TRAFFIC ENGINEER**

### **DISTINGUISHING FEATURES**

The fundamental reason the Senior Traffic Engineer exists to perform highly technical professional engineering work for the Transportation Department. Work is performed with considerable independence and judgment. The Senior Traffic Engineer is distinguished from the Traffic Engineer by the complexity of the programs managed and years of experience. This classification may supervise and reports to the Principal Traffic Engineer.

### **ESSENTIAL FUNCTIONS**

Studies and analyzes major operational traffic issues and recommends innovative solutions. Translates technical material into a language easily understood by the public. Acts as the project manager for a variety of projects.

Oversees on-going development and implementation of the neighborhood traffic management program. This program provides a direct response and process for citizens to follow regarding obtrusive traffic in their neighborhood.

Acts as project manager for traffic impact and mitigation analysis process (TIMA). Works closely and collaborates with the Planning Systems Department and the Citizen and Neighborhood Resources Department as part of the plan review and development processes.

Assists to streamline the processes, provide professional advice, train staff and maintain a collaborative relationship with other city departments. Apprises stakeholders of changes in national standards, local standards, shifts in citizen attitudes and provide advice regarding program integration.

Administers the TIMA contract.

Conducts in-depth traffic impact analyses as needed.

Develops performance measures that are used as one of the Transportation Department decision-making tools.

Works closely with members of the public, City Council and other City Departments. Makes presentations and represents the City in public, Transportation Commission and City Council meetings on matters relating to Traffic Engineering.

Responds to citizen requests for traffic signal warrant studies, speed limit studies, left-turn warrant studies and other studies relating to traffic flow and congestion.

Participates in accident analyses, capacity improvement project reviews, traffic control planning, school traffic safety and policy planning efforts.

## **MINIMUM QUALIFICATIONS**

### **Knowledge, Skills, and Abilities**

#### Knowledge of:

- Principles, practices, and methods used in traffic engineering.
- Development related issues.
- Federal, State, and local traffic laws, and regulations.

#### Ability to:

- Operate a variety of standard office equipment, including a personal computer that requires continuous and repetitive eye, arm or hand movement.
- Communicate clearly and directly with a variety of stakeholders
- Manage projects.
- Lead team activities.
- Manage a team of highly skilled technical employees
- Organize and conduct traffic surveys, analyze results, and make recommendations on traffic problems
- Read maps and plans
- Comprehend and make inferences from written materials
- Deal effectively with community-oriented issues
- Establish and maintain effective working relationships with co-workers, supervisors, City officials, and the general public
- Maintain regular attendance and punctuality.

### **Education & Experience**

A Bachelor's degree in Traffic Engineering, Civil Engineering or a closely related field is required. Three years relevant experience in a Traffic Engineering environment and possession of a Professional Engineers license required. Must possess a valid Arizona's driver's license without any major violations in the last 39 months.

FLSA Status: Exempt

HR Ordinance Status: Unclassified